

Converting Colors

Hex(6F7B62)

Have a look what the booklet for
Hex(6F7B62) contains.

Hex(6F7B62)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F7B62)

Conversions

Conversions Part 1

Format	Color
Hex	6F7B62
RGB	111, 123, 98
RGB Percent	44%, 48%, 38%
CMY	0.5647, 0.5176, 0.6157
CMYK	0.10, 0.00, 0.20, 0.52
HSL	89°, 11%, 43%
HSV	89°, 20%, 48%
XYZ	15.8431, 18.4273, 14.2771
YIQ	116.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

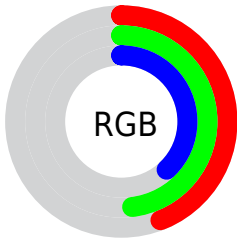
Format	Color
R_{YB}	98, 123, 110
Decimal	7306082
CIE Lab	50.01, -9.36, 12.20
CIE LCh	50, 15.377, 127.473
Yxy	18.4273, 0.3263, 0.3796
Android (android.graphics.Color)	4285496162 (0xFF6F7B62)
YUV	116.5620, -9.1511, -4.8779
Hunter-Lab	42.9270, -9.2431, 10.3297

Details

The Hex color **6F7B62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E627B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A3AF95**, and **3F4A33** is the 20% darker color. If you saturate the color by 10%, you get **697B56**, and if you desaturate by 10%, it is **757B6E**.

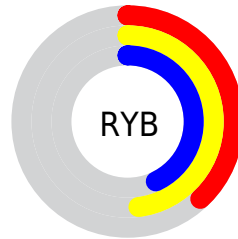
Distribution



Red (44%)

Green (48%)

Blue (38%)



Red (38%)

Yellow (48%)

Blue (43%)

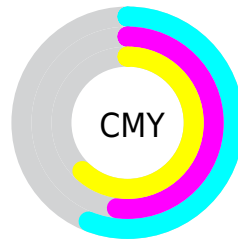


Cyan (10%)

Magenta (0%)

Yellow (20%)

Black (52%)



Cyan (56%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F7B62 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6F7B62 by changing the saturation by 10% instead.

6F7B62

6F7B62

FFFFFF

56624A

A3AF95

3F4A33

BECBAF

29341E

DAE7CB

151E06

F6FFE7

000000

6F7B62

6F7B62

697B56

757B6E

637B49

7B7B7B

5D7B3D

817B87

■ 577B31

■ 877B93

■ 517B25

■ 8D7BA0

■ 4C7B18

■ 927BAC

■ 467B0C

■ 987BB8

■ 407B00

■ 9E7BC4

■ A47BD1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7E775D



6F7B62



607E6D

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6F7B62



5C7B8F



926E74

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6F7B62



6E627B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8B6F81



6F7B62



6C7791

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6F7B62



537E86



7D738C



916F68

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6F7B62



597E75



7D738C



906E79

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6F7B62



9CA197



7B6E62



4F524C



D1D1D1



525252

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6F7B62



8EA17A



637B62



3A3D37



417D00



83FC00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6E627B



8D7AA1



7A627B



3A373D



3C007D



7900FC

Previews

White Background



This preview shows how the Hex color 6F7B62 looks on a white background.

Color Contrast Check

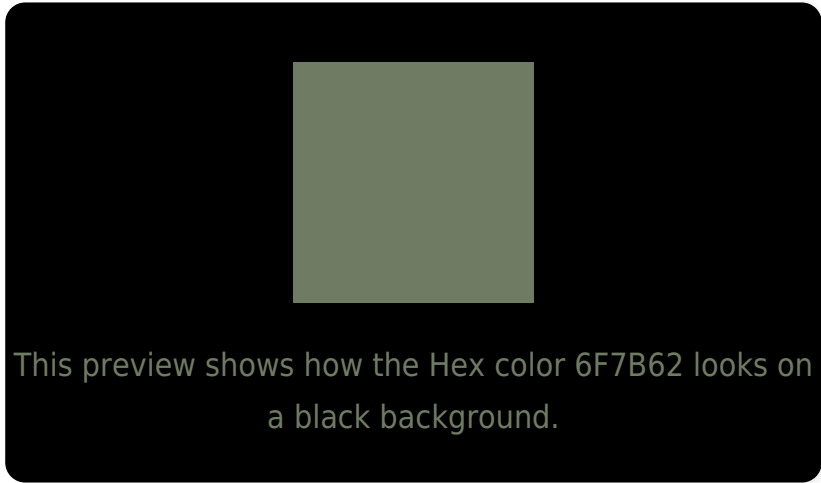
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

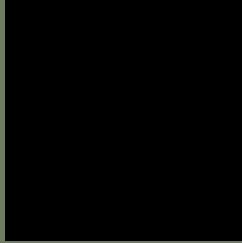
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6F7B62 Background



This preview shows how black text looks on a background with the Hex color 6F7B62.



This preview shows how white text looks on a background with the Hex color 6F7B62.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
6F7B62

Protanopia
7E7760

Deuteranopia
897264



Tritanopia
747780

Trichromacy



Original Color
6F7B62

Protanomaly
797861

Deuteranomaly
807563

Tritanomaly
727875

Monochromacy



Original Color
6F7B62

Achromatopsia
757575

Achromatomaly
73776E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F7B62 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6F7B62 looks like.

```
.text, #text, p{  
    color:#6F7B62  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6F7B62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7B62
}
```

Border

The CSS property to change the border of an element to Hex 6F7B62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F7B62 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6F7B62 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6F7B62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7B62; -webkit-box-shadow:4px 4px  
4px 4px #6F7B62; box-shadow:4px 4px 4px  
4px #6F7B62 }
```

Background

The CSS property to change the background color of an element to Hex 6F7B62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7B62 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6F7B62 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor